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To:	Company:	Fax Number:	Phone Number:
Group No 1631	United States Patent Office	703-872-9306	

*Number of Pages Transmitted (including this cover sheet): 11*

**Applicant: Christopher M. Fender et al.**

**Examiner: Ardin H. Marschel**

**Serial No.: 10/079,468**

**Group Art Unit: 1631**

**Filed: February 19, 2002**

**Confirmation No. 6678**

**For: USE OF INFRARED  
SPECTROSCOPY IN GENOTYPIC  
ANALYSIS**

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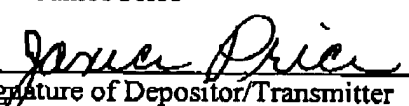
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<b>CERTIFICATE OF TRANSMISSION (37 CFR 1.8)</b> Applicant(s): Christopher M. Fender et al.			Atty Docket No.  399483
Application No.  10/079,468	Filing Date  February 19, 2002	Examiner  Ardin H. Marschel	Group Art Unit  1631
<b>Title:</b> USE OF INFRARED SPECTROSCOPY IN GENOTYPIC ANALYSIS			
Date of Transmittal: <u>October 20, 2004</u>			
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<ol style="list-style-type: none"><li>1. Transmittal (1 page)</li><li>2. Amendment (8 pages)</li><li>3. Certificate of Transmission (1 page)</li><li>4. Fax Cover Sheet (1 page)</li></ol>			
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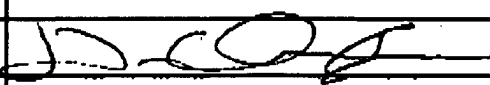
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/079,488
	Filing Date	February 19, 2002
	First Named Inventor	Christopher M. Fender
	Art Unit	1631
	Examiner Name	Ardin H. Marschel
Total Number of Pages in This Submission	Attorney Docket Number	399483

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<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Certificate of Transmission (37 CFR 1.8)</b> <b>Fax Cover Sheet</b>
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*Patent*  
Attorney Docket No. 399483

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Applicant:  
Christopher M. Fender

Examiner: Ardin H. Marschel

Serial No.: 10/079,468

Group Art Unit: 1631

Filed: February 19, 2002

Confirmation No. 6678

For: USE OF INFRARED  
SPECTROSCOPY IN GENOTYPIC  
ANALYSIS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Applicant is responding to the Office Actions dated June 14, 2004 and October 6, 2004.

Amendments to the Claims begin on Page 2.

Remarks begin on page 7.